



**US Army Corps  
of Engineers®**



## Grays Reef Passage, MI

### Project Features

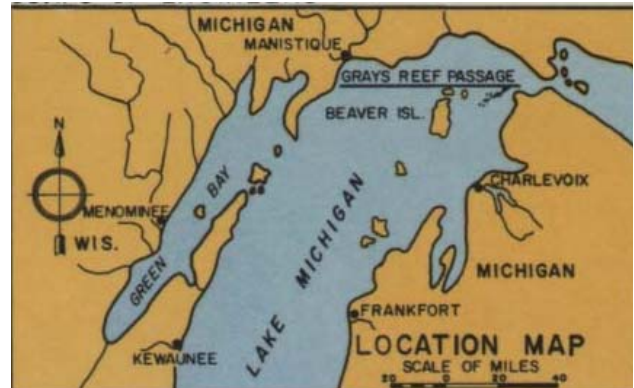
- Located between Grays Reef and Vienna Shoal in the northeast end of Lake Michigan.
- Authorization: River & Harbor Act of 30 Aug 1935.
- Federal navigation channel 3,000 feet wide.
- Project depth is 25 feet.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, and all Great Lakes shipping interests that use Lake Michigan ports.

### Project Needs

- The project requires project condition surveys on a 3-year cycle. The last condition survey was completed in 2004.
- Occasional obstruction removal is required.

### Consequences of Not Maintaining the Project

- Significant loss of jobs locally, regionally, and internationally.



- Key component of the Great Lakes navigation system for Lake Michigan ports. Disruption of service would have severe maritime and economic impacts on those ports.

### Transportation Importance

- Great Lakes passage way between Lake Michigan and Lake Huron.
- Critical narrow passage between Grays Reef and Vienna Shoal.
- Periodic condition surveys are essential to maintain safe commercial navigation through this passage.
- Commodities transported through these channels include coal, cement, taconite, petroleum products, chemicals, iron, steel, lumber, sand and gravel, manufactured goods and other general cargo.

### **U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009 Grays Reef Passage, MI - Project Needs and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY07 Need</b>	<b>FY07 Work Plan</b>	<b>FY08 Need</b>	<b>FY08 Budget</b>	<b>FY09 Need</b>	<b>FY09 Budget*</b>
Project Condition Surveys	112	0	125	0	125	
<b>TOTALS</b>	<b>112</b>	<b>0</b>	<b>125</b>	<b>0</b>	<b>125</b>	

\* FY09 President's Budget will be available in February 2008